

#3



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMIC WHOLE GENOME SCREENING METHODOLOGY AND SYSTEMS

the specification of which was filed on February 13, 2002 as Application No. 10/076106.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

☐ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

- ☐ no such U.S. provisional applications have been filed.
- ☒ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/268,638	February 13, 2001	<u>x</u> Yes No ___
		___ Yes No ___
		___ Yes No ___

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☒ no such U.S./PCT applications have been filed.

☐ such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Madeline F. Baer	36,437	David P. Halstead, Ph.D.	44,735	Christopher Natkanski	50,365
Steven Baglio	51,426	Daniel Hansburg	36,156	John D. Quisel	47,874
J. Steven Baughman	47,414	Edward J. Kelly	38,936	Spencer H. Schneider	45,923
Mark W. Bellomy	51,452	Charles Larsen	48,533	Sanjay Sidani	48,489
Johnny Y. Chen	46,614	Agnes S. Lee	46,862	Wolfgang E. Snitius	40,256
Gregory Glover	34,173	Paul E. Lowkowitz	44,870	Amita Varma	43,221
William G. Gosz	27,787	Yu Lu	50,306	Matthew P. Vincent	36,709
Patricia Granahan	32,227	Robert A. Mazzaresse	42,852	Dalila Arguez Wendlandt	52,351

all of Ropes & Gray, One International Place, Boston, Massachusetts 02110-2624, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Matthew P. Vincent, whose address is:

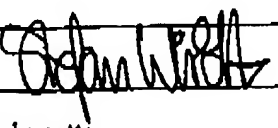
Ropes & Gray
One International Place
Boston, Massachusetts 02110-2624

Please direct telephone calls to: Matthew P. Vincent at (617) 951-7739.

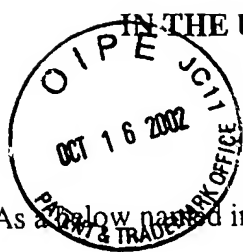
Please direct facsimiles to: (617) 951-7050

Full name of sole or first inventor Gregory Stephanopoulos	
Sole or first inventor's signature	Date
Residence Winchester, Massachusetts	
Citizenship US	
Mailing Address 4 Russel Lane Winchester, Massachusetts 01890	

Full name of second inventor, if any Ryan T. Gill	
Second inventor's signature	Date
Residence Boston, Massachusetts	
Citizenship US	
Mailing Address 84 Gainsborough Street, #301 Boston, Massachusetts 02115	

Full name of third inventor, if any Stefan Wildt	
Third inventor's signature 	Date 10-04-2002
Residence Cambridge, Massachusetts	
Citizenship US	
Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Mailing Address	



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMIC WHOLE GENOME SCREENING METHODOLOGY AND SYSTEMS

the specification of which was filed on February 13, 2002 as Application No. 10/076106.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

☐ such foreign application have been filed as follows:

(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			___ Yes No ___
			___ Yes No ___
			___ Yes No ___

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/268,638	February 13, 2001	<u> x </u> Yes No ___
		___ Yes No ___
		___ Yes No ___

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Madeline F. Baer	36,437	David P. Halstead, Ph.D.	44,735	Christopher Natkanski	50,365
Steven Baglio	51,426	Daniel Hansburg	36,156	John D. Quisel	47,874
J. Steven Baughman	47,414	Edward J. Kelly	38,936	Spencer H. Schneider	45,923
Mark W. Bellomy	51,452	Charles Larsen	48,533	Sanjay Sitlani	48,489
Johnny Y. Chen	46,614	Agnes S. Lee	46,862	Wolfgang E. Stutius	40,256
Gregory Glover	34,173	Paul E. Lewkowicz	44,870	Anita Varma	43,221
William G. Gosz	27,787	Yu Lu	50,306	Matthew P. Vincent	36,709
Patricia Granahan	32,227	Robert A. Mazzaresc	42,852	Dalila Arguez Wendlandt	52,351

all of **Ropes & Gray**, One International Place, Boston, Massachusetts 02110-2624, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Matthew P. Vincent, whose address is:

Ropes & Gray
One International Place
Boston, Massachusetts 02110-2624

Please direct telephone calls to: Matthew P. Vincent at (617) 951-7739.

Please direct facsimiles to: (617) 951-7050

Sole or first inventor's signature <i>Gregory Stephanopoulos</i>		October 3, 2002
Residence Winchester, Massachusetts		
Citizenship US		
Mailing Address 4 Russel Lane Winchester, Massachusetts 01890		

Full name of second inventor, if any Ryan T. Gill	
Second inventor's signature	Date
Residence Boston, Massachusetts	
Citizenship US	
Mailing Address 84 Gainsborough Street, #301 Boston, Massachusetts 02115	

Full name of third inventor, if any Stefan Wildt	
Third inventor's signature	Date
Residence Cambridge, Massachusetts	
Citizenship US	
Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327	

Full name of fourth inventor, if any	
Fourth inventor's signature	Date
Residence	
Citizenship	
Mailing Address	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DYNAMIC WHOLE GENOME SCREENING METHODOLOGY AND SYSTEMS

the specification of which was filed on February 13, 2002 as Application No. 10/076106.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

☐ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/268,638	February 13, 2001	x Yes No
		Yes No
		Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☒ no such U.S./PCT applications have been filed.

☐ such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Madeline F. Baer	36,437	David P. Halstead, Ph.D.	44,735	Christopher Natkanski	50,365
Steven Baglio	51,426	Daniel Hansburg	36,156	John D. Quisel	47,874
J. Steven Baughman	47,414	Edward J. Kelly	38,936	Spencer H. Schneider	45,923
Mark W. Bellomy	51,452	Charles Larsen	48,533	Sanjay Sidani	48,489
Johnny Y. Chen	46,614	Agnes S. Lee	46,862	Wolfgang E. Stutius	40,256
Gregory Glover	34,173	Paul E. Lewkowicz	44,870	Anita Varma	43,221
William G. Gosz	27,787	Yu Lu	50,306	Matthew P. Vincent	36,709
Patricia Granahan	32,227	Robert A. Mazzarese	42,852	Dalila Argacz Wendlandt	52,351

all of Ropes & Gray, One International Place, Boston, Massachusetts 02110-2624, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Matthew P. Vincent, whose address is:

Ropes & Gray
One International Place
Boston, Massachusetts 02110-2624

Please direct telephone calls to: Matthew P. Vincent at (617) 951-7739.

Please direct facsimiles to: (617) 951-7050

Full name of sole or first inventor Gregory Stephanopoulos		Date
Sole or first inventor's signature		
Residence Winchester, Massachusetts		
Citizenship US		
Mailing Address 4 Russel Lane Winchester, Massachusetts 01890		

Full name of second inventor, if any Ryan T. Gill		Date
Second inventor's signature <i>R. T. Gill</i>		10/1/02
Residence Boston, Massachusetts		
Citizenship US		
Mailing Address 84 Gainsborough Street, #301 Boston, Massachusetts 02115		

Full name of third inventor, if any Stefan Wildt		Date
Third inventor's signature		
Residence Cambridge, Massachusetts		
Citizenship US		
Mailing Address 32 Parkhurst Street Lebanon, New Hampshire 03766-1327		

Full name of fourth inventor, if any		Date
Fourth inventor's signature		
Residence		
Citizenship		
Mailing Address		